

Datasheet for ABIN5571387  
**Nerve Growth Factor Protein (NGF)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	20 µg
Target:	Nerve Growth Factor (NGF)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS), Functional Studies (Func)

## Product Details

Purpose:	NGF (Human) Recombinant Protein
Sequence:	MSSSHPIFHR GEFSVCDSVS VWVGDKTTAT DIKGKEVMVL GEVNINNSVF KQYFFETKCR DPNPVDSGCR GIDSKHWNSY CTTTHTFVKA LTMDGKQAAW RFIRIDTACV CVLSRKAVRR A
Characteristics:	Human NGF (P01138) recombinant protein expressed in <i>Escherichia coli</i> . This product with activity data is belong to bioactive protein.
Purification:	Escherichia coli expression system

## Target Details

Target:	Nerve Growth Factor (NGF)
Alternative Name:	NGF ( <a href="#">NGF Products</a> )
Background:	Full Gene Name: nerve growth factor (beta polypeptide) Synonyms: Beta-NGF,HSAN5,MGC161426,MGC161428,NGFB

Target Details

Gene ID:	4803
Pathways:	Regulation of Cell Size

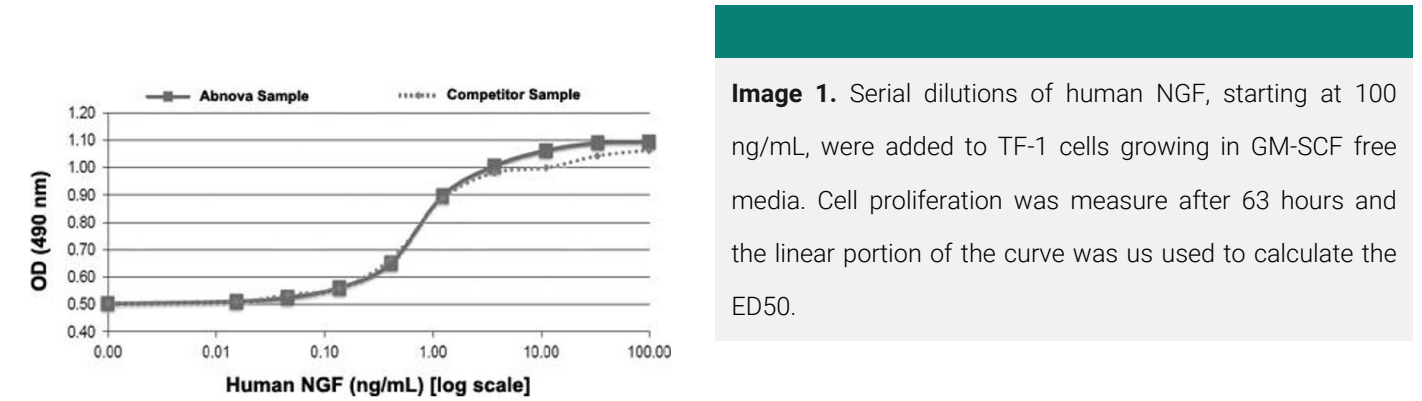
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	<i>Escherichia coli</i> expression system Product Quality tested by: 1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue
Restrictions:	For Research Use only

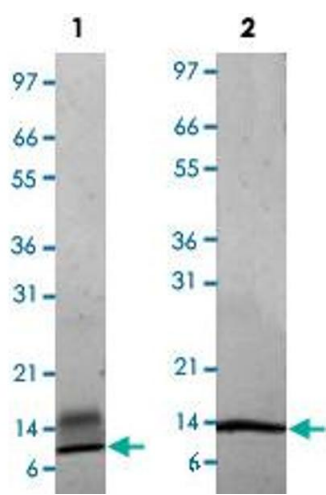
Handling

Format:	Lyophilized
Buffer:	No additive
Preservative:	Without preservative
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C

Images



**Image 1.** Serial dilutions of human NGF, starting at 100 ng/mL, were added to TF-1 cells growing in GM-SCF free media. Cell proliferation was measure after 63 hours and the linear portion of the curve was us used to calculate the ED50.



Western Blotting

**Image 2.** Lane 1: non-reducing conditions Lane 2: reducing conditions